

# STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor

Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

March 12, 2009

Jim Dodd  
Process Manager  
Newmont Mining Corporation – Gold Quarry Operations  
P.O. Box 669  
Carlin, Nevada 89822

**Re: Final Air Quality Operating Permit Minor Modification #AP1041-0793 for  
Newmont Mining Corporation – Gold Quarry Operations, FINA0002**

Dear Mr. Dodd

The application submitted by Newmont Mining Corporation for a Minor Modification of Class I (Title V) Air Quality Operating Permit No. AP1041-0793 has been reviewed by the Nevada Division of Environmental Protection, Bureau of Air Pollution Control (NBAPC) under legal authority from Nevada Revised Statutes 445B.100 through 445B.640 and pursuant to regulations in Nevada Administrative Code 445B.001 through 445B.3689. Based on NBAPC's review and recommendation, I am hereby issuing modified Operating Permit No. AP1041-0793, with appropriate restrictions. Modified Operating Permit No. AP1041-0793 must be posted conspicuously at or near the source.

The draft copy of the modified Operating Permit No. AP1041-0793 was submitted to EPA Region IX on January 23, 2009 for the required 45 day review process (NAC 445B.3425). The review period ended March 11, 2009. EPA Region IX commented on February 23, 2009 and NBAPC responded on February 24, 2009. No changes to the permit were warranted based on EPA's comments.

Enclosed is your copy of the modified pages to Operating Permit No. AP1041-0793. Operating Permit No. AP1041-0793 was modified to:

- 1) Add System 4A, an additional lime/cement/soda ash silo that will be used at the Chukar Underground Mine for the increased availability of products used in making shotcrete and backfill mixes.
- 2) Add Systems 11A and 12A, an additional lime/cement silo that will be used at the South Area Leach Crushing facility for the purpose of adding cement or lime to the crushed ore in order to maintain pH control on the leach pads.
- 3) Add System 19A, an alternative operating scenario to System 19. System 19 consists of a conveyor to conveyor transfer.
- 4) Add System 41A, an alternative operating scenario to System 41. System 41 consists of a series of transfers to the fine ore bin and roaster day bins from the dynamic separator product baghouses, fine ore bin baghouse, and the static separator baghouses and associated air slides; as well as transfers from the fine ore bin to the roaster bins via air slides and bucket elevators.
- 5) Revise the VOC emission limits for System 72 and System 73.
- 6) Revise the hourly emission limits, hourly throughput, and annual operating hours for System 81.
- 7) Increase PM emission limits by 12.39 tons per year, PM<sub>10</sub> emission limits by 4.46 tons per year, and VOC emission limits by 19.22 tons per year.



In accordance with Nevada Revised Statute 445B.340, you may appeal the department's action of issuance of this modified operating permit within 10 days after you receive the permit. Appeals may be filed with the State Environmental Commission, 901 South Stewart Street, Suite 4001, Carson City, Nevada, 89701-5249, telephone 775-687-9308.

Please review your modified permit carefully to understand all conditions, restrictions, monitoring and recordkeeping requirements. If you have any questions, please call Randy Phillips, of my staff, at (775)687-9362 or me at (775)687-9391.

Sincerely,



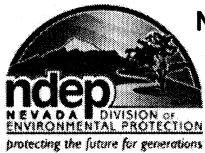
Matthew A. DeBurle  
Supervisor, Permitting Branch  
Bureau of Air Pollution Control

MAD/rp

Certified Mail No. 7008-1140-0005-0099-2336

cc (w/enclosures): Gerardo Rios, Chief (A-5-1)

New Source Section  
Air & Toxics Division  
U.S. EPA, Region IX  
75 Hawthorne St.  
San Francisco, CA 94105



**BUREAU OF AIR POLLUTION CONTROL**

**Facility ID No. A0002**

**Permit No. AP1041-0793**

**CLASS I AIR QUALITY OPERATING PERMIT  
SPECIFIC OPERATING REQUIREMENTS**

**Issued to: Newmont Mining Corporation – Gold Quarry Operations Area, hereinafter called the permittee**

**Section X. Amendments**

April 15, 2004 – Minor Revision Application received on February 24, 2004: Added Systems 03a., 03b., & 03c. – Reagent Mix Tanks 1, 2 & 3 for the New Flotation Circuit at Mill 5.

November 7, 2006 – Minor Revision Application (Aircase # 07AP0043) received on July 24, 2006: Increased discharge rate from two lime silos (Systems 63 & 65) and revised PM and PM<sub>10</sub> emission rates for Systems 62 & 64 resulting in an increase of PM emissions of 0.24 ton per year and an increase of PM<sub>10</sub> emissions of 0.08 ton per year. Removed Systems 22, 23, 24, 27, 28, 29, 30, 31 & 32 as these systems were never constructed.

March 26, 2007 – Minor Revision Application (Aircase # 07AP0216) received on December 14, 2006: Increased annual fuel usage rate for Acid Plant Start-up Heater (System 45) resulting in annual emissions increases of the following pollutants as follows: PM<sub>10</sub> = 0.55 tpy, SO<sub>2</sub> = 0.39 tpy, NO<sub>x</sub> = 5.59 tpy, CO = 1.40 tpy, VOC = 0.22 tpy.

December 6, 2007 – Minor Revision Application (Aircase # 08AP0040) received on July 30, 2007: Removed two mercury retort furnaces (S2.046.1 and S2.046.2; Added an Underground Metal Removal Plant resulting in annual emissions increases as follows: PM = 6.28 tpy, PM<sub>10</sub> = 4.4 tpy.

March 19, 2008 – Amend Systems 85, 86, and 87, Underground Ore Metal Removal Plant, to add location East 567.391 km, North 4,515.220.

March 12, 2009 – Minor Revision Application (Aircase # 09AP0139). Add Systems 4A-11A-12A-19A-41A. Revise VOC emissions limits for System 72-73. Revise hourly emission limits, hourly throughput, and annual operating hours for System 81. Annual emissions increases: PM = 12.39 tpy, PM<sub>10</sub> = 4.46 tpy, VOC = 19.22 tpy.

**This permit:**

1. **Is non-transferable. (NAC 445B.287) Part 70 Program**
2. **Will be posted conspicuously at or near the stationary source. (NAC 445B.318)(State Only Requirement)**
3. **Will expire and be subject to renewal five (5) years after the issuance date of February 25, 2004 NAC 445B.315) Part 70 Program**
4. **A completed application for renewal of an operating permit must be submitted to the director on the form provided by him with the appropriate fee at least 180 calendar days before the expiration date of this operating permit. (NAC 445B.323.2) Part 70 Program**
5. **Any party aggrieved by the Department's decision to issue this permit may appeal to the State Environmental Commission (SEC) within ten days after the date of notice of the Department's action. (NRS 445B.340)(State Only Requirement)**

**THIS PERMIT EXPIRES ON:** February 25, 2009

**Signature** \_\_\_\_\_

**Issued by:** Matthew A. DeBurle  
Supervisor, Class I Permitting Branch  
Bureau of Air Pollution Control

**Phone:** (775) 687-9350

**Date:** March 12, 2009

Rm  
Revised: 04/15/04; 11/07/2006, 3/26/2007, 12/6/2007, 3/19/2008

Rp  
03/12/2009